

2.5 Near Detector Installation

2.5.1 Infrastructure

2.5.1.1 EDIA : includes Input to footprint Design, Tunnels & Halls Liaison, and Ongoing MINOS Underground Areas Oversight; also includes Outfitting Liaison, MINOS Service Bldg Liaison, Shaft Lifting Equip Specifications; Detector Support Structure Liaison; Power & Cooling Integration, Rack & Cables Integration with the outfitting, Coil Power Supply Integration

2.5.1.2 Near Hall Infrastructure Installation

2.5.1.2.1 Install Detector Support Structure

2.5.1.2.2 Install Racks

2.5.1.2.3 Install LCW System

2.5.1.2.4 Install Ethernet & Acnet

2.5.1.2.6 Install Coil Power Supply

2.5.2 Plane Assembly

2.5.2.1 EDIA ; includes Assembly Fixtures Liaison, Module Mounting Oversight, New Muon Assembly Area Liason,

2.5.2.2 New Muon Assembly Area Setup

2.5.2.3 Assembly of Detector Planes

2.5.2.3.1 Assemble 1st Quarter of Planes

2.5.2.3.2 Assemble 2nd Quarter of Planes

2.5.2.3.3 Assemble 3rd Quarter of Planes

2.5.2.3.4 Assemble 4th Quarter of Planes

2.5.3 Detector Installation

2.5.3.1 EDIA; includes Coil Design Liaison, Detector Electronics Installation Liason, Plane Mounting Procedure Planning & Review, Transport Fixtures Oversight,

2.5.3.2 Hall Tech Area Setup

2.5.3.3 Spectrometer Plane Installation

2.5.3.4 Calorimeter Plane Installation

2.5.3.5 Detector Electronics Installation

2.5.3.5.1 Install Hardware – includes racks, readout electronics, DAQ, DCS

2.5.3.5.2 Install Cables – includes HV, fiber, LI, DAQ, DCS

2.5.3.6 Magnet Coil Installation

2.5.4 Facility Experimental Infrastructure – Systems installed as part of SB&O, but paid under this WBS

2.5.4.1 Mechanical & Electrical Preparation

2.5.4.2 Water System Preparation